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## U.S. DEPARTMENT OF LABOR

WAGE AND LABOR STANDARDS ADMINISTRATION  
Bureau of Labor Standards

(SPRAY)

## MATERIAL SAFETY DATA SHEET

## SECTION I

MANUFACTURER'S NAME WD-40 Company		EMERGENCY TELEPHONE NO. 714/275-1400
ADDRESS (Number, Street, City, State, and ZIP Code) 1061 Cudahy Pl., San Diego, California 92110		
CHEMICAL NAME AND SYNONYMS Organic mixture		TRADE NAME AND SYNONYMS WD-40 spray cans
CHEMICAL FAMILY	FORMULA	

## SECTION II HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS Not applicable			BASE METAL Not applicable		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
(1) Aliphatic petroleum distillate (Stoddard Solvent)				over 50	500pp
(2) Petroleum base oil				over 15	
(3) A-70 hydrocarbon propellant (liquified petroleum gas)				25	1000pp
(4) Proprietary corrosion inhibitors and wetting agents.				Balance	

## SECTION III PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O = 1) Total mix in can	.710
VAPOR PRESSURE in cans @ 70 °F.	50 psig	PERCENT VOLATILE BY VOLUME (%) Total can contents	80
VAPOR DENSITY (AIR = 1) greater than	1	EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER insoluble - forms unstable emulsion.			
APPEARANCE AND ODOR light amber colored liquid slight characteristic odor.			

## SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Not applicable to spray cans	FLAMMABLE LIMITS propellant portion	Lel 1.8% vol.	Uel 9.5% vol.
EXTINGUISHING MEDIA CO <sub>2</sub> dry chemical, foam			
SPECIAL FIRE FIGHTING PROCEDURES			
UNUSUAL FIRE AND EXPLOSION HAZARDS Considered "extremely flammable" under Consumer Product Safety Commission regulations.			

(1) ASTM D 235 "Petroleum Spirits," CAS Registry # 8032-32-4  
(2) CAS No. 8012-95-1 (4) These do not constitute any special toxicity or handling hazards.

**SECTION V HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE For thinner (lowest TLV of all components) 500 ppm.

EFFECTS OF OVEREXPOSURE Same as for Stoddard Solvent and liquified petroleum gas.

EMERGENCY AND FIRST AID PROCEDURES Treat as Stoddard Solvent and liquified petroleum gas.

**SECTION VI REACTIVITY DATA**

STABILITY UNSTABLE CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid) Strong oxidizing materials

HAZARDOUS DECOMPOSITION PRODUCTS None

HAZARDOUS  
POLYMERIZATION

MAY OCCUR

WILL NOT OCCUR

X

CONDITIONS TO AVOID

**SECTION VII SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Spills unlikely from spray cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated, then treat as Stoddard Solvent.

WASTE DISPOSAL METHOD Empty spray cans should not be punctured or incinerated.

Liquid should be treated as Stoddard Solvent.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (Specify type) None

VENTILATION

LOCAL EXHAUST

Sufficient to keep solvent vapor less than TLV.

SPECIAL

None

OTHER

None

PROTECTIVE GLOVES

None required.

EYE PROTECTION

None required.

OTHER PROTECTIVE EQUIPMENT

None required.

**SECTION IX SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep from sources of ignition. Do not take internally. Avoid excessive inhalation of spray particles. Do not store above 120° F. Do not incinerate or puncture containers.